

**AMENDMENTS TO THE ABSTRACT**

Please replace the Abstract with the following paragraph:

The invention relates to the use of at least one electrically conductive or semiconductive polymer as sensitive material in a resistive or gravimetric sensor intended to detect one or more nitro compounds chosen from the group formed by nitroaromatic compounds, nitromines, nitrosamines and nitric esters. Applications include detecting of explosives, checking and monitoring of atmospheric pollution and the quality of the ambient air in relatively confined spaces, monitoring of industrial sites that manufacture, store and/or handle nitro compounds.